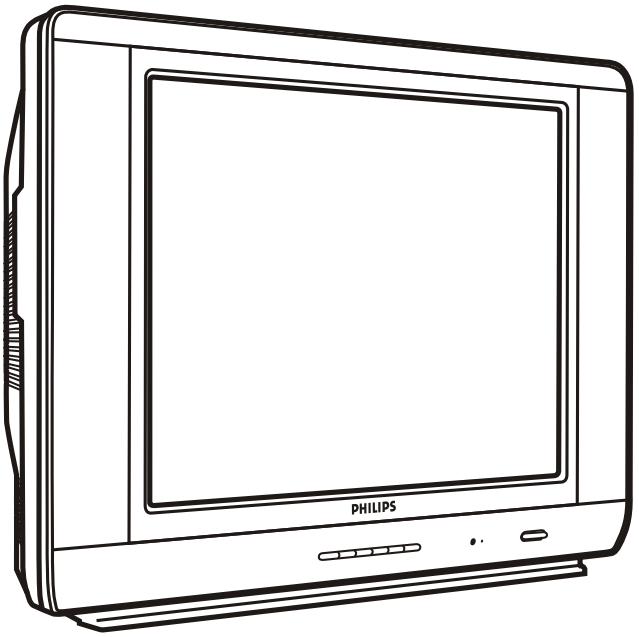
User Manual

14PT2117
21PT3327



PHILIPS

Description: USER MANUAL(3P61 14PT2117/94 21PT3327/94)	
Job No.	Brand Name: PHILIPS
Model:	P/No.
REV.:	Scale:
Engineering Dept:	
Artwork By:	Date: 2007-07-24
Checked By:	Date:
Approved By:	Date:

CONTENTS

Introduction

Safety information and tips 3
Before calling service 4

Basic Installation functions

TV hookup (Basic connection) 5
Remote control use and care 5
Audio/Video connections (Playback) 6
Audio/Video connections (Recording) 8
Remote control functions 9
TV control functions 10

TV Installation

Automatic tuning of channels 11
Manual tuning of channels 12
Colour / Sound system 14
Fine Tuning of channels 15
Channel Edit 16
Channel Swap 17

Features

Picture adjustments 19
Timer adjustments 20
Smart Picture 21

General

Specifications 22

Recycling Directive – To minimise harm to the environment, the batteries supplied with the TV set do not contain mercury or nickel cadmium. If possible, when disposing of batteries, use recycling means available to you. Your TV set uses materials which are reusable or which can be recycled. To minimise the amount of waste in the environment, specialist companies recover used sets for dismantling and collection of reusable materials (contact your dealer).

SAFETY

General

- Two people are required to lift and carry a TV that weighs more than 25 kg. Improper handling of the TV can cause serious injury.
- The surface on which the TV is placed has to be level and able to withstand its weight.
- Air must be able to circulate freely through the ventilation slots. Do not place the TV in a confined place.
- Do not place naked flame sources such as lighted candles close to the TV.
- Do not place a vase filled with water near the TV. Spills can results in electric shock. If water gets into the TV, disconnect the TV from the mains and have it checked by a qualified technician.
- Do not expose the TV or the batteries of the remote control to heat, direct sunlight, rain or water.
- During a thunder storm, do not touch any part of the TV, power cord or antenna cable.
- Do not leave the TV in standby mode for an extended period of time. Instead disconnect it from the mains.
- Do not connect too much equipment to the same mains socket because it can result in fire or electric shock.

Caring and cleaning of the TV

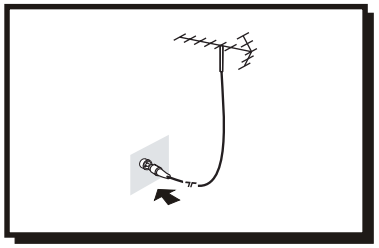
- Disconnect the TV from the mains before you clean the TV. Use only a dry cloth.
- Do not touch, push, rub or strike the screen with anything hard as this may scratch or damage the screen permanently.

BEFORE CALLING SERVICE

Below is a list of frequently occurred symptoms. Before you call for service, make these simple checks. Some of these symptoms can easily be rectified if you know what to do.

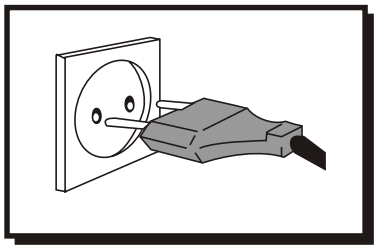
Symptoms	**What you should do**
Colour patch (uneveness)	• Switch off the TV by the mains power button. Wait for 20 minutes before switching on again. • Check the TV is not placed too near speakers or magnetic objects.
No power	• Check the TV's AC power cord is plugged into the mains socket. If there is still no power, disconnect plug. Wait for 60 seconds and re-insert plug. Switch on the TV again.
No picture	• Check the antenna connection at the rear of the TV. • Possible TV station problem. Try another channel.
Good picture but no sound	• Try increasing the volume. • Check that the sound is not muted. If it is muted, press the **Mute** button on the remote control to restore sound.
Good sound but poor colour or no picture	• Try increasing the contrast and brightness setting.
Snowy picture and noise	• Check antenna connection at the rear of the TV.
Horizontal dotted lines	• Possible electrical interference e.g. hairdryer, vacuum cleaner, etc. Switch off appliances.
Double images or "Ghost" images	• Possible poor positioning of antenna. Using a highly directional antenna may improve reception.
TV not responding to remote control	• Aim remote control directly at remote sensor lens on the front panel of the TV. Check life span of batteries of the remote control.

TV HOOKUP (BASIC CONNECTION)



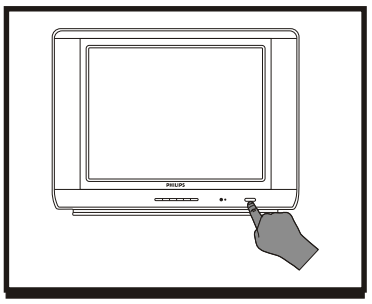
Antenna connection
- Connect the aerial plug to the antenna socket on the backcover.

- Insert the mains plug into the wall socket.



Mains connection
- For correct mains voltage, refer to type sticker at the rear of the TV set

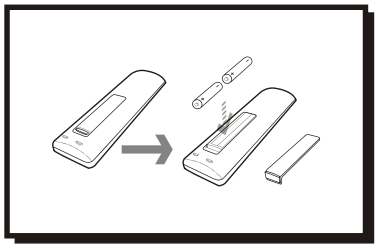
- Consult your dealer if mains supply is different.
  Note :This diagram is not representative of the actual plug and socket.



Switching on the set
- Press the main power button to switch on/ off theTV.

- If the set is on standby (indicator is lit), press the Power button on the remote control to switch on set.

REMOTE CONTROL CARE AND USE



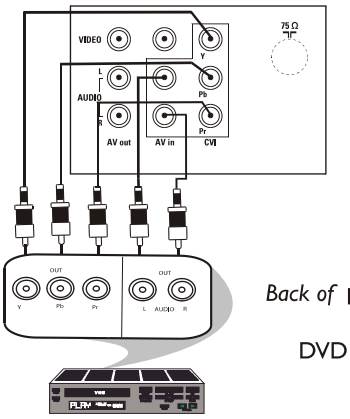
- Insert the correct type of batteries into the compartment.

- Ensure the batteries are placed in the right direction.

Operating instructions generally explains the operation of the TV set using the buttons on the remote control unless otherwise stated. Please read the following instructions carefully and follow the steps as shown to familiarise yourself with the installations and all features available in your set.

AUDIO/VIDEO CONNECTIONS (PLAYBACK)

For best playback performance:



AV sockets on rear of TV

Back of DVD

DVD *(with "Y", "Pb" and "Pr" and Output sockets)*

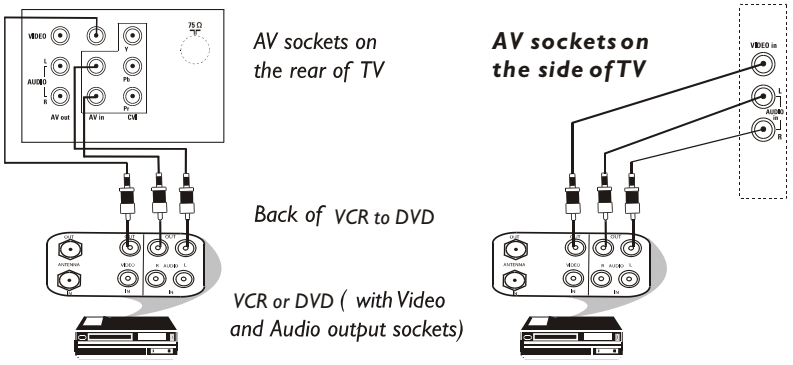
You can view the playback of DVD discs by using the COMPONENT VIDEO INPUT (CVI) sockets on the rear of the TV.

– Connect the CVI cables from the "Y", "Pb" and "Pr" INPUT of the TV to the "Y", "Pb" and "Pr" OUTPUT of the DVD to view playback of DVD discs.

– Connect the audio cables from the DVD player to the AV IN sockets on the rear of the TV.

– Switch to the CVI mode on the TV by pressing the AV button on the remote control.

AUDIO/VIDEO CONNECTIONS (PLAYBACK)



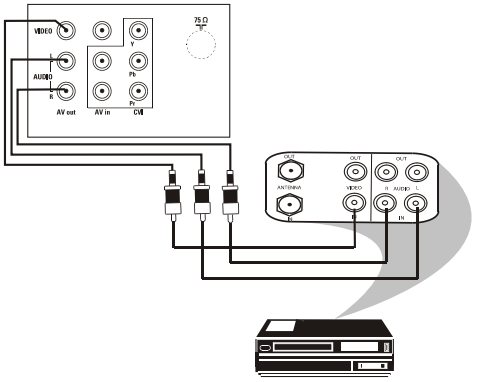
You can also view the playback of VCR tapes or DVD (Video Disc players, camcorders, etc.) by using the AUDIO and VIDEO INPUT sockets on the rear and side of the TV.

– Connect the video and audio RCA cables from the VIDEO and AUDIO IN on the *rear and side* of the TV to the AUDIO and VIDEO OUT of the VCR.

– Switch to the AV mode by pressing the AV button on the remote control.

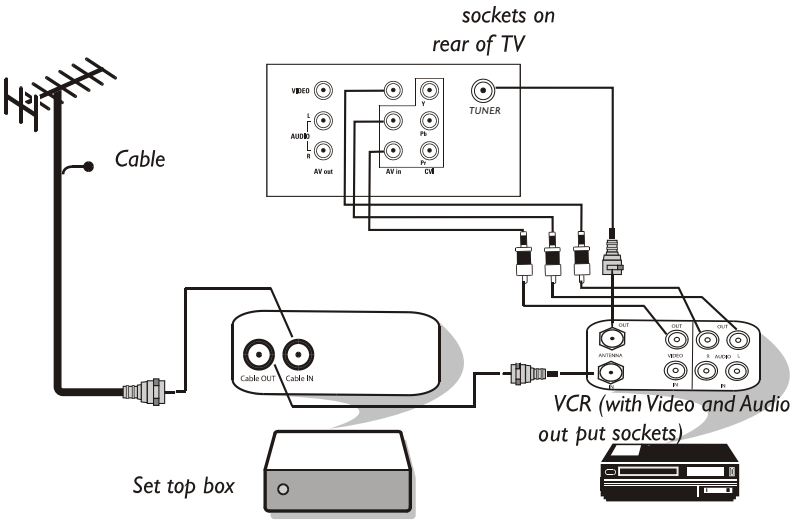
AUDIO/VIDEO CONNECTIONS (RECORDING)

Connection for recording from the TV channel



– Connect the video and audio RCA cables from the INPUT sockets of the VCR to the MONITOR OUT on the rear of the TV.

Connection for recording from cable TV to VCR

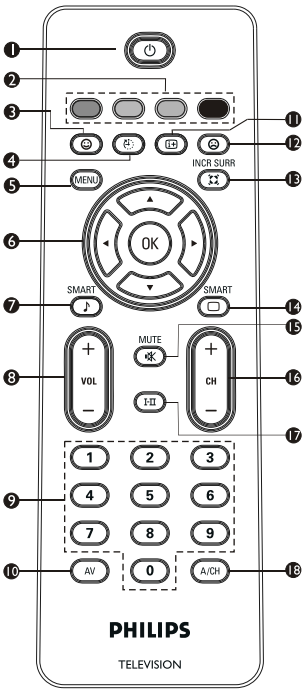


– Connect the RF cable from the OUTput of the set top box to the Antenna IN of the VCR. From the VCR's Antenna OUT, connect the RF cable to the Antenna socket on the rear of the TV.

– To enhance the sound of your TV, connect the audio cables to an external audio system instead of the VCR. For mono equipment, connect only the AUDIO L socket.

– Connect the video and audio RCA cables from the OUTPUT sockets of the VCR to the AV in on the rear of the TV

REMOTE CONTROL FUNCTIONS
(Refer to the correct page for the remote control that came with your set)



❶ **Standby**
Lets you place the TV set on standby. To turn on the TV, press CH + or –, (⏻), or digit keys.

❷ **Personal Zapping**
(Not applicable)

❸ **Add Personal Zapping list**
(Not applicable)

❹ **Sleeptimer**
To select a time period after which the set switch to standby mode automatically.

❺ **Menu**
To call up or exit menus.

❻ **Cursor**
These 4 keys are used to move around the menus .

❼ **Smart Sound***
(Not applicable)

❽ **Volume**
To adjust the sound level.

❾ **Digit keys**
Direct access to the channels. For a 2-digit channel, enter the 2nd digit before the dash disappears.

❿ **AV channel selection**
Press several times to select AV, CVI or SIDE.

⓫ **On screen display**
To display/clear the on screen information. This key is also used to exit from the menu.

⓬ **Delete Personal Zapping list**
(Not applicable)

⓭ **Incredible Surround***
(Not applicable)

⓮ **Smart Picture**
To access a series of stored settings: **SOFT, NATURAL, RICH, PERSONAL.**

⓯ **Mute**
To mute or restore sound.

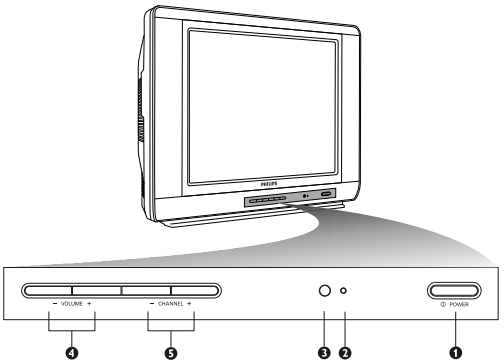
⓰ **Channel selection**
To access the next or previous channel. The number are displayed for a few moments whenever you select a new channel.

⓱ **I-II button***
(Not applicable)

⓲ **Alternate channel**
Switches between the current and the previous channel.

TV CONTROL FUNCTIONS

The TV controls are on the front of the set depending on your model.



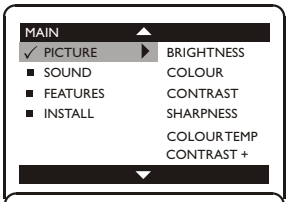
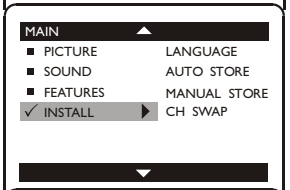
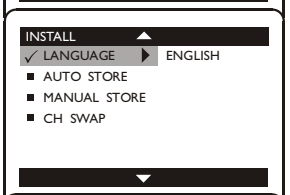
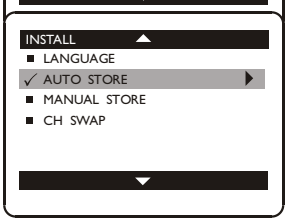
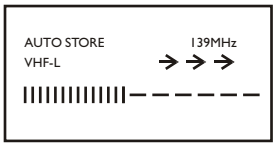
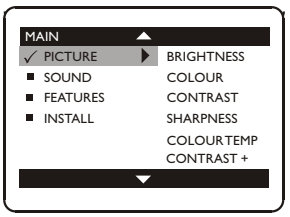
❶	Mains Power button	Switches mains power on or off.
❷	Standby light indicator	Indicator is lit when standby mode is activated.
❸	Remote Sensor	Acts as a sensor for activating the controls of the TV when remote control handset is aimed at it.
❹	Volume + / – buttons	Adjust sound volume softer/louder.
❺	Channel ∨ / ∧ buttons	Select channel in descending/ascending order.

Tip:

- You can enter the main menu by pressing and holding the Volume - button first before pressing the Volume + button.
- Press the Channel ∨ or ∧ button to select the next item on the menu.
- Press Volume - or + button to access sub-menu and adjust the settings.

AUTOMATIC TUNING OF CHANNELS

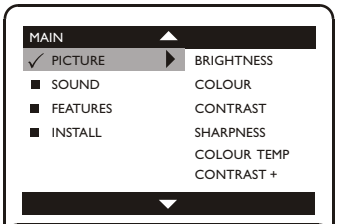
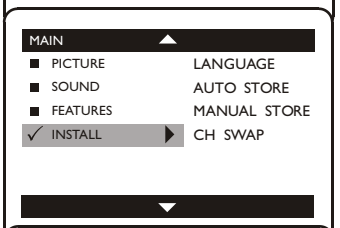
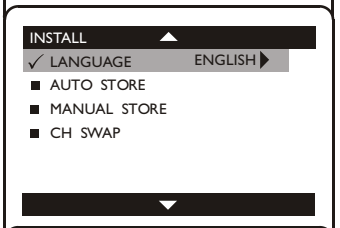
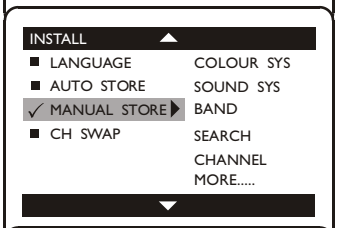
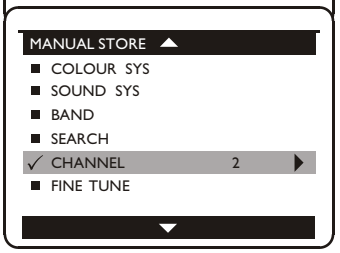
Automatic tuning of channels allows you to store each programme automatically.

Step	Press button		Result on screen*
1	MENU	Enter main menu.	
2	⌄	Press button repeatedly until **INSTALL** is selected.	
3	‹ or ›	Enter the INSTALL menu.	
4	⌄	Select **AUTO STORE.**	
5	‹ or ›	Start automatic tuning of channels.	
6	i+	When tuning is completed, exit menu from screen.	

***NOTE:** Screen displays may look different in certain models.

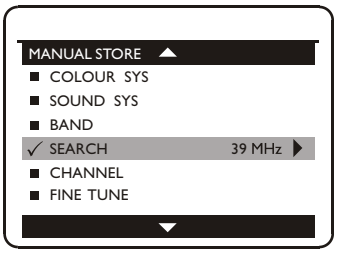
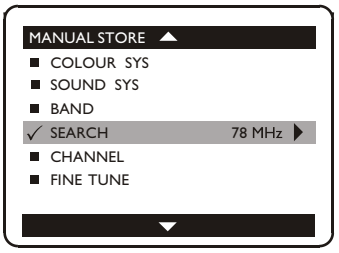
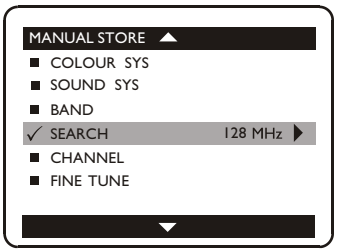
MANUAL TUNING OF CHANNELS

Manual tuning of channels allows you to select your preferred channel number for every available programme.

Step	Press button		Result on screen*
1	MENU	Enter main menu.	
2	⌄	Press button repeatedly until **INSTALL** is selected.	
3	‹ or ›	Enter the **INSTALL** menu.	
4	⌄	Press button repeatedly until **MANUAL STORE** is selected.	
5	‹ or ›	Enter the **MANUAL STORE** menu.	
6	⌄	Select **CHANNEL**.	

***NOTE:** Screen displays may look different in certain models.

MANUAL TUNING OF CHANNELS

Step	Press button		Result on screen*
7	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⓪	Key in the channel number.	
8	^	Press button to select **SEARCH**.	
9	< or >	Start manual searching. Searching stops once a transmitting signal is found. You can also enter frequency of the channel using digital keys directly.	
10	< or >	**NOTE:** If you want to continue searching for another transmitting channel, repeat steps 6 to 9.	
11	i+	Exit menu from screen.	

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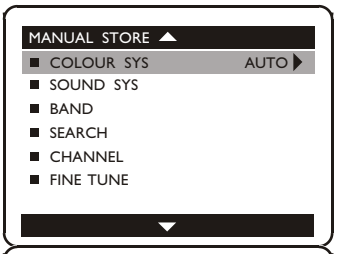
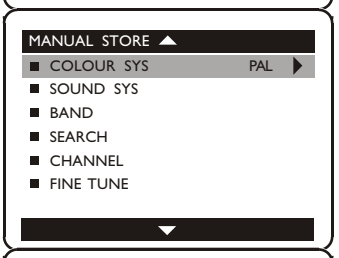
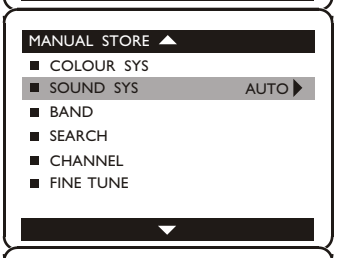
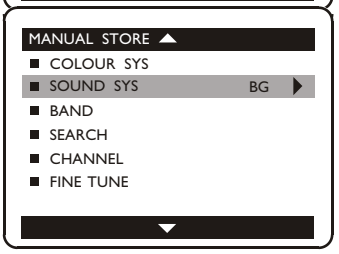
COLOUR / SOUND SYSTEM

This feature allows you to select your desired **COLOUR** and **SOUND** system. If **AUTO** is selected, the respective colour and sound system will be automatically selected according to the transmission system.

NOTE: Select your desired colour and sound system manually if reception is poor in Auto mode.

Step	Press button		Result on screen*
1 to 5		Repeat steps 1 to 5 as in "Manual Tuning of TV Channels". Then select **COLOUR SYS**.	
6	◁ or ▷	Select the desired colour system (**AUTO, PAL**).	
7	▽ or △	Proceed to select **SOUND SYS**.	
8	◁ or ▷	Select the desired sound system (**AUTO, BG, I, DK**).	
9	i+	Exit menu from screen.	

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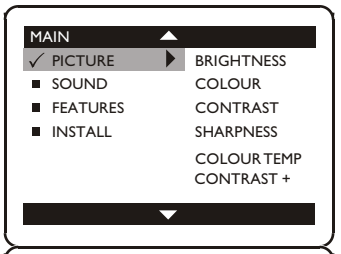
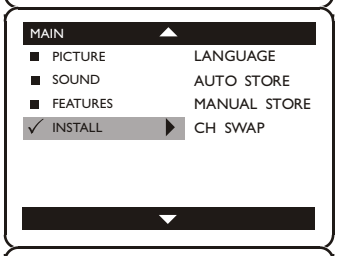
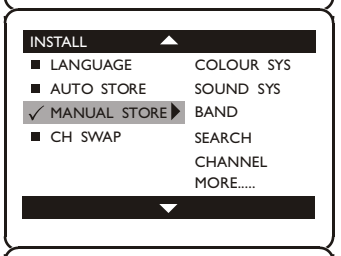
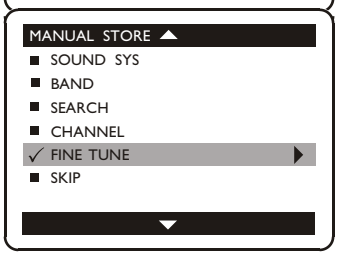
FINE TUNING OF CHANNELS

This feature allows you to adjust picture reception in areas of weak reception.

Step	Press button		Result on screen*
1	MENU	Enter main menu.	
2	⌄	Press button repeatedly until **INSTALL** is selected.	
3	‹ or ›	Enter the **INSTALL** menu.	
4	⌄	Press button repeatedly until **MANUAL STORE** is selected.	
5	‹ or ›	Enter the **MANUAL STORE** menu.	
6	⌄	Press button repeatedly until **FINE TUNE** is selected.	
7	‹ or ›	Fine tune until the best reception is obtained.	
8	i+	Exit from menu screen.	

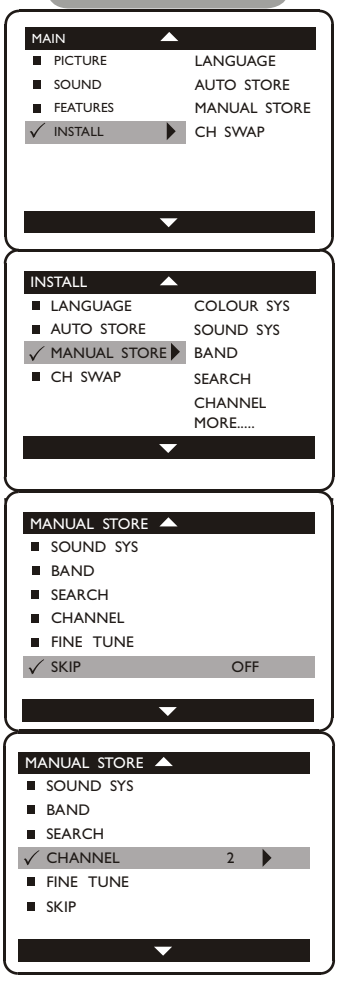
***NOTE:** Screen displays may look different in certain models.

CHANNEL EDIT

This feature allows you to skip or edit channels which have bad or weak TV signal or channels that you do not watch often. Note: Once a channel is skipped, you cannot access it by using the CH (Channel) + or – button. You can only access it using the channel digit (0 - 9) buttons.

Step	Press button	
1	MENU	Enter main menu.
2	⌄	Press button repeatedly until **INSTALL** is selected.
3	‹ or ›	Enter the Install menu.
4	⌄	Press button repeatedly until **MANUAL STORE** is selected.
5	‹ or ›	Enter the **MANUAL STORE** menu.
6	⌄	Press button repeatedly until **SKIP** is selected.
7	‹ or ›	Select **ON** to skip channel.
8	1 2 3 4 5 6 7 8 9 0	To edit other channels, please press ⌃ button to select CHANNEL MENU. Key in the channel number to be select then repeat 6 to 7.
9	i+	Exit menu from screen.

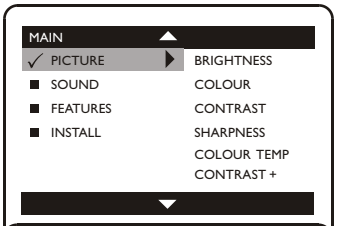
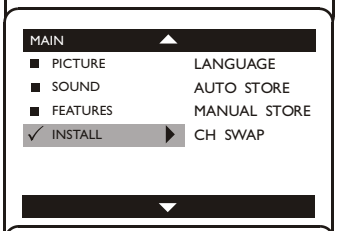
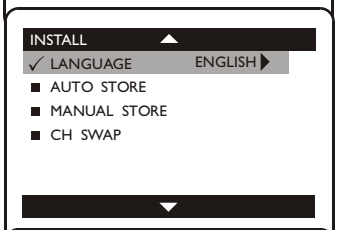
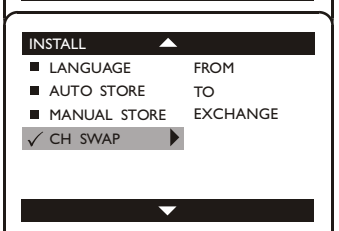
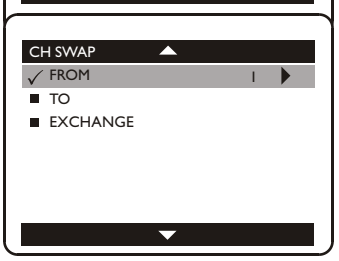
Result on screen*



***NOTE:** Screen displays may look different in certain models.

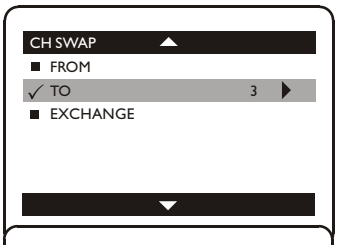
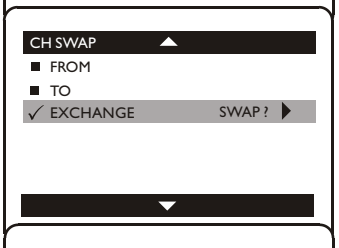
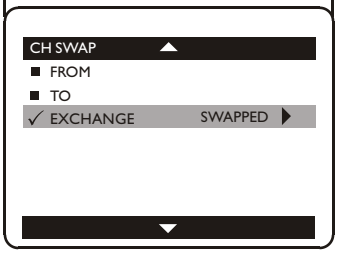
CHANNEL SWAP

CH SWAP allows you to exchange the programs of two channels.

Step	Press button		Result on screen*
1	MENU	Enter main menu.	
2	⌄	Press button repeatedly until **INSTALL** is selected.	
3	‹ or ›	Enter the **INSTALL** menu.	
4	⌄	Press button repeatedly until **CH SWAP** is selected.	
5	‹ or ›	Enter the **CH SWAP** menu.	

***NOTE:** Screen displays may look different in certain models.

CHANNEL SWAP

Step	Press button		Result on screen*
6	or 1 2 3 4 5 6 7 8 9 0	Press button to select two channels that you want to exchange their programs, such as from 1 to 3.	
7		Press button repeatedly until **EXCHANGE** is selected.	
8	or	Press button to exchange the programs of two channels.	
9		Exit menu from screen.	

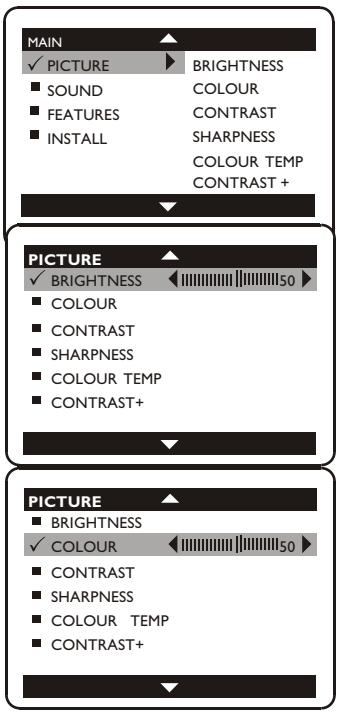
***NOTE:** Screen displays may look different in certain models.

PICTURE ADJUSTMENTS

The picture menu allows you to make adjustments to the picture.

Step	Press button	
1	MENU	Enter main menu.
2	< or >	Enter **PICTURE** menu.
3	v or ^	Select item.
4	< or >	Adjust level or select desired setting.
5	i+	Exit menu from screen.

Result on screen*

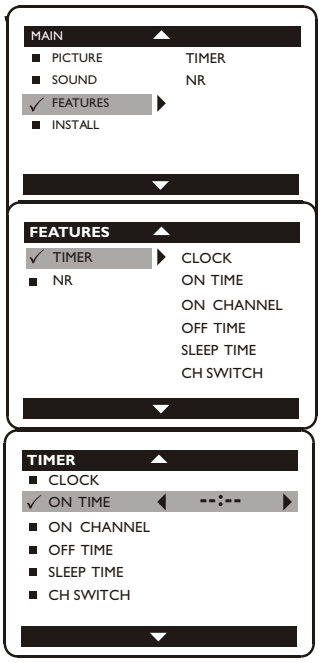


***NOTE:** Screen displays may look different in certain models.

Picture menu items	Activities
BRIGHTNESS	Increase or decrease brightness level.
COLOUR	Increase or decrease colour level.
CONTRAST	Increase or decrease contrast level.
SHARPNESS	Increase or decrease sharpness level to improve detail in picture.
COLOUR TEMP	Choose from 3 settings (Normal, Warm or Cool).
CONTRAST+	Select ON to optimise the total contrast for improved picture quality.

TIMER ADJUSTMENTS

The timer menu allows you to make adjustments to the state of the TV at an appointed time

Step	Press button		Result on screen
1	MENU	Enter main menu.	
2	⌄	Press button repeatedly until **FEATURES** is selected.	
3	‹ or ›	Enter **FEATURES** menu.	
4	‹ or ›	Enter TIMER menu. Set CLOCK to the current time.	
5	⌄ or ⌃	Select TIMER menu items.	
	‹ or ›	Adjust settings of timer menu items.	
6	i+	Exit menu from screen.	

TIMER menu items	Activities
CLOCK	Auto clock when setting working status or standby status.
ON TIME	Setting time to awake the TV from standby status.
ON CHANNEL	Setting channel which will be on when the TV is a woken.
OFF TIME	Setting time to standby the TV from work status.
SLEEP TIME	Setting time when the TV turn to sleep status from now.
CH SWITCH	Setting time when the TV switch to another channel.
SWITCH TO	Setting time when switch to pointed channel.

NOTE: All the timer settings will be reset when the main are switched off.

SMART PICTURE

Whether you are watching a movie or video game, your TV has automatic video control settings matched to your current program source or content. The Smart Picture feature quickly resets your TV's video controls of program for a number of different types of programs and viewing conditions you may have in your home. Each Smart Picture setting is preset at the factory to automatically adjust the TV's Brightness, Colour, Picture and Sharpness levels.

Step	Press button	
1		Press button repeatedly to cycle through the 4 settings namely, **PERSONAL, SOFT, NATURAL, RICH** and select your desired picture setting.
2		Exit menu from screen.

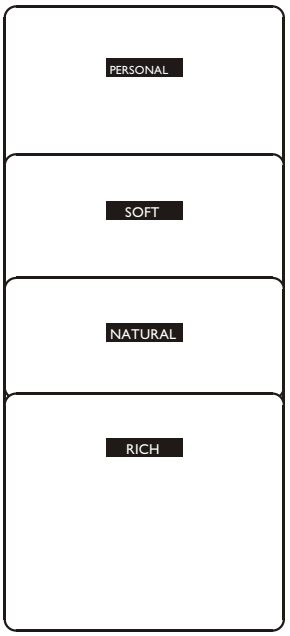
Definition of Picture settings

PERSONAL : Picture settings are set to your preference.

SOFT : Emphasize "warm" colours. (Suitable for dimly-lit room condition and gives cinema-like effect when light is switched off).

NATURAL : Emphasize original colours.

RICH : Emphasize very vibrant colours. This setting is the optimal setting when you are viewing TV programmes in a brightly-lit room.



SPECIFICATIONS

Product type	14PT2117	21PT3327
Picture		
Display screen type	Black Hibri Tube	Real Flat
Diagonal screen size	37cm	54cm
Visible diagonal screen size	34cm	51cm
Aspect ratio	4:3	
Picture enhancements	Contrast +	
Picture noise reduction	Noise Reduction	
Sound		
Loudspeakers	120W PMPO	200W PMPO
Sound systems	AV stereo	
Sound features	Mute	
Convenience	Sleep timer,Auto Store,Smart picture	
Reception		
TV system	PAL /BG / DK/ I	
Video Playback	PAL,NTSC	
Connectivity		
Rear	CVI, CVBS In,Monitor Out;Antenna In (75Ω)	
Side	CVBS In	
General		
Mains volt/freq	100-240V ,50/60 Hz	
Power consumption	60W	72W
Net weight	9.5Kg	24.3Kg
Gross weight	11.1Kg	29Kg
Set dimensions (W x H x D) mm	400x366x332mm	594x489x460.5mm

Note: Specifications subject to change without notice.

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